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PTO/SB/05 (03-01)

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b)).

Attorney Docket No.

CL001511

First Inventor

CARGILL, Michele et al.

Title

GENETIC POLYMORPHISMS ASSOCIATED WITH RHEUMATOID  
ARTHRITIS, METHODS OF DETECTION

Express Mail Label No.

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☐ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages **126**]  
(Preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets **1**]
5. Oath or Declaration [Total Pages **1**]
  - a. ☐ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
  - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76.

## ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☒ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☒ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☒ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement of Power of Attorney  
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☐ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent.
17. ☒ Other: Table 5; and Table 6

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No. \_\_\_\_\_ / \_\_\_\_\_

Prior application information:

Examiner \_\_\_\_\_

Group Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label



or ☐ Correspondence address below

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Zip Code

Country

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Justin D. Karjala, Reg. 43,704

Registration No. (Attorney/Agent)

Signature

Date

March 18, 2004

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: CARGILL et al.

Art Unit: TBA

Serial No.: (to be assigned)

Examiner: TBA

Filed: March 18, 2004

Atty. Docket: CL001511

For: GENETIC POLYMORPHISMS ASSOCIATED  
WITH RHEUMATOID ARTHRITIS, METHODS OF  
DETECTION AND USES THEREOF

**Transmittal Letter Providing Submission of Sequence Listing (and Tables) on CD-R**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

For the above-captioned application, Applicants hereby submit the computer readable form of the Sequence Listing on CD-R (the CD-R is labeled "CRF"). In addition to the Sequence Listing, the CD-R also contains Tables 1-4 of the above-captioned application.

Specifically, the CD-R contains the following five ASCII text files:

1) File SEQLIST\_1511.txt provides the Sequence Listing of the present application in computer readable form.

2) File TABLE1\_1511 provides Table 1 of the present application.

3) File TABLE2\_1511 provides Table 2 of the present application

4) File TABLE3\_1511 provides Table 3 of the present application

5) File TABLE4\_1511 provides Table 4 of the present application

Two duplicate copies of the CD-R (labeled "Duplicate Copy 1" and "Duplicate Copy 2") are also hereby submitted, in lieu of a paper copy of the Sequence Listing.

In accordance with 37 C.F.R. § 1.821(f), the Sequence Listing information (as well as the Table 1-4 information) recorded in computer readable form on each of the three CD-Rs submitted herewith is identical.

The material contained on the CD-R is hereby incorporated by reference pursuant to 37 CFR 1.77(b)(4).

It is respectfully believed that this application complies with the Sequence Listing requirements and is in condition for processing.

Respectfully submitted,

Date: March 18, 2004

By: 

Justin D. Karjala, Reg. 43,704

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